

CLAIMS

What is claimed is:

- 1 1. A tamper-evident closure for a syringe, said closure comprising:
2 a syringe cylinder having a plastic connection end provided with a Luer
3 connection; and
4 a cap and a frangible web formed as a single injection molded plastic part,
5 said cap engaging over at least said Luer connection; wherein
6 said frangible web is connected to said connection end by one of a
7 material-fit connection and an adhesive bond.
- 1 2. A tamper-evident closure as in claim 1 wherein said frangible web
2 is connected to said connection end a material-fit connection in the form of a weld.
- 1 3. A tamper-evident closure as in claim 1 further comprising a fixation
2 component welded to said connection end, said fixation component being connected to
3 said frangible web.
- 1 4. A tamper-evident closure as in claim 3 wherein said cap, said
2 frangible web, and said fixation component are formed as one piece by injection
3 molding.
- 1 5. A tamper-evident closure as in claim 3 wherein said connection end
2 comprises a cylinder section having an internal thread surrounding said Luer
3 connection, said fixation component comprising a ring.

1 6. A tamper-evident closure as in claim 5 wherein said ring tapers
2 toward a free end of said cylinder section.

1 7. A tamper-evident closure as in claim 5 wherein said fixation
2 component is formed in one piece with said cylinder section.

1 8. A tamper-evident closure as in claim 6 wherein said fixation
2 component is formed in one piece with said cylinder section, said ring tapering toward a
3 free end of said Luer connection.

1 9. A tamper-evident closure as in 1 wherein said frangible web has
2 uniformly spaced circumferential interruptions.

1 10. A tamper-evident closure as in claim 1 wherein said cap is
2 constructed of two different plastics and comprises a plug which is made one plastic
3 which is softer than the other plastic.

1 11. A tamper-evident closure as in claim 10 wherein said cap including
2 said plug is molded in one piece.

1 12. A tamper-evident closure as in claim 1 wherein said cap is formed
2 with a predefined prestress which seals said Luer connection.

1 13. A tamper-evident closure as in claim 1 wherein said syringe
2 cylinder, said cap, and said frangible web consist of polyolefins.

- 1 14. A tamper-evident closure as in claim 13 wherein said polyolefins
2 are one of polypropylene and cyclo-olefins polymers.